

Department of Community and Economic Development

Economic Development Committee Meeting

February 7, 2005

4:00 p.m.

4th Floor Conference Room 4A

City Hall

777 B Street

Hayward, CA 94541-5007

A G E N D A

Public Comments: (Note: For matters not otherwise listed on the agenda. The Committee welcomes your comments under this section but is prohibited by State Law from discussing items not listed on the agenda. Your item will be taken under consideration and referred to staff.)

- 1. Call to Order**
- 2. Approval of Minutes (January 10, 2005)**
- 3. Economic Development Activities Update for January**
- 4. Biotech Update:**
 - Guest Speakers: 1) David Gilbert, Public Affairs Manager
DOE Joint Genome Institute**
 - 2) Kelly Wallace, Executive Director
Berkeley Biotechnology Education, Inc.**
- 5. Committee Member Announcements**
- 6. Adjournment**



Assistance will be provided to those requiring accommodations for disabilities in compliance with the Americans with Disabilities Act of 1990. Please request the accommodation at least 48 hours in advance of the meeting by contacting Katy Ramirez at 510/583-4250 or by calling the TDD line for those with speech and hearing disabilities at 510/247-3340.

BERKELEY BIOTECHNOLOGY EDUCATION, INC

The BBEI website is currently under construction.
Please refer to the links below for further information.

About BBEI
Bioscience Education
Job Training
Youth Development

Jobs @ BBEI:
Program Associate

BBEI Mission Statement

To build interest in science and technology careers, among populations typically under-represented in the sciences, through classroom experience and exposure to the world-of-work, and to prepare those students for technical positions in biosciences and for more advanced educational and training pursuits.

**Berkeley Biotechnology
Education, Inc.**
P.O. Box 2186
Berkeley, California
94702
Phone: 510.705.7324
Fax: 510.705.5237

ABOUT

Founded in 1993, BBEI is an award-winning, national model nonprofit organization that connects youth to the world of biotechnology and coordinates a comprehensive and innovative hands-on, science-based education and job training program for students typically underrepresented

in science and technology.

Established by
Bayer
HealthCare as
part of a long-
term
Development

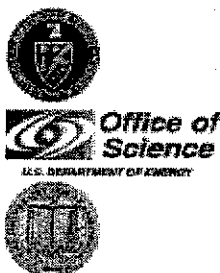
Agreement with



the City of Berkeley, BBEI has contracted with over 60 industry partners and currently works with two school districts. Corporations, foundations and individuals fund BBEI. We have been featured in *The New York Times*, on *NBC Nightly News* and in numerous reports on urban youth education and workforce development. Since its inception, BBEI has focused on helping youth successfully navigate the world of work, school and life while specifically training them for technical positions in bioscience, a growing industry that offers well-paid jobs and real opportunities for career advancement and continued education.

Mission

- To develop and exploit new sequencing and other high-throughput, genome-scale and computational technologies as a means for discovering and characterizing the basic principles and relationships underlying the organization, function, and evolution of living systems.
- To leverage the unique capabilities of the Department of Energy National Laboratory system to achieve these goals, and to use the resulting understanding to address key DOE missions related to energy, the environment, and human susceptibilities.



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Who We Are

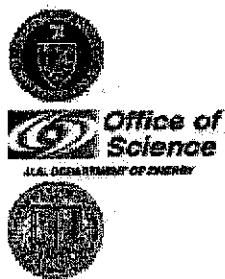
The DOE Joint Genome Institute (JGI) was created in 1997 to unite the expertise and resources in genome mapping, DNA sequencing, technology development, and information sciences pioneered at the DOE genome centers at Lawrence Berkeley National Laboratory (LBNL), Lawrence Livermore National Laboratory (LLNL), and Los Alamos National Laboratory (LANL). In 1999, the University of California, which manages the three national labs for the DOE, leased 60,000 square feet of laboratory and office space in a light industrial park in Walnut Creek, California, to consolidate activities and accommodate JGI's 160 employees in what is known now as the Production Genomics Facility (PGF). The JGI, led by Eddy Rubin, M.D., Ph.D., has an annual budget of approximately \$60 million funded predominantly by the Office of Biological and Environmental Research in DOE's Office of Science. Sixty percent of JGI sequencing is proposal driven (via the Community Sequencing Program), and the remaining 40% is project driven.

The mission of the JGI is to advance new sequencing and other high-throughput, genome-scale and computational technologies as a means for discovering and characterizing the basic principles and relationships underlying the organization, function, and evolution of living systems. A primary goal of the JGI is to make high-quality genome sequencing data freely available to the greater scientific community through its web portal. The JGI, having played a significant role in the federally funded Human Genome Project—generating the complete sequences of Chromosomes 5, 16, and 19—has now moved on to contributing in other critical areas of genomics research. While NIH-funded genome sequencing activities continue to emphasize human biomedical targets and applications, the JGI has since shifted its focus to the rest of the biosphere. With efficiencies of scale established at the PGF, and capacity now exceeding two billion bases generated on a monthly basis, the JGI has now tackled scores of additional genomes. These include more than 60 microbial genomes and such important model systems as the puffer fish (*Fugu rubripes*) and a sea squirt (*Ciona intestinalis*)—a primitive chordate, or organism with a spinal cord. In partnership with other federal institutions and universities, the JGI is in the process of sequencing a frog (*Xenopus tropicalis*), a green alga (*Chlamydomonas reinhardtii*), a diatom (*Thalassiosira pseudonana*), the cottonwood tree (*Populus trichocarpa*), and a host of agriculturally important plant pathogens. Microorganisms, for example those that thrive under extreme conditions such as high acidity, radiation, and metal contamination, are of particular interest to the DOE and JGI. Investigations by JGI and its partners are shedding light on the cellular machinery of microbes and how they can be harnessed to clean up contaminated soil or water, capture carbon from the atmosphere, and produce potentially important sources of energy such as hydrogen and methane.

At the PGF, the JGI also supports programs dedicated to functional and evolutionary genomics related to the organisms being sequenced and the development of computational and bioinformatic tools for data management and mining.

In February 2004, the JGI launched the Community Sequencing Program (CSP). The CSP was created to provide the scientific community at large with access to high-throughput sequencing at the JGI. Meritorious large-scale DNA sequencing projects (those that involve

more than 50 million bases) are chosen based on outside scientific peer review. Through this program, the DOE has established the JGI as a user facility that will advance genomics research in a broad range of disciplines where DNA sequence information is likely to drive scientific discoveries.



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**ECONOMIC DEVELOPMENT COMMITTEE
REGULAR MEETING MINUTES
JANUARY 10, 2005**

CALL TO ORDER: Chair Mullins called the meeting to order at 4:11 p.m.

ATTENDANCE:

Committee Member	Present 1/10/05	All Meetings Year to Date		Meetings Mandated By Resolution	
		Present	Absent	Present	Absent
Timothy Barrow	✓	5	1	5	1
Mayor Cooper	✓	6		6	
Council Member Ward	✓	4	2	4	2
Council Member Dowling	✓	6		6	
Ed Mullins (Chair)	✓	6		6	
Joel Peña (Vice Chair)	no	5	1	5	1
Lisa Ringer	✓	4	2	4	2
Kenneth Gibson	no	5	1	5	1

OTHERS ATTENDING: Jesús Armas, City Manager
Sylvia Ehrenthal, Director of Community & Economic Development
Gary Calame, Senior Planner
Sally Porfido, Economic Development Specialist

PUBLIC COMMENT: None

APPROVAL OF MINUTES: The minutes of December 6, 2004 were approved.

ECONOMIC DEVELOPMENT ACTIVITIES UPDATE FOR DECEMBER:

Staff continues to work with Mr. Tanaka of Azee, Inc., the start-up biotech company, answering questions about what types of permits and licenses would be required to operate a biotech company in Hayward as well as Pre-Application and Code Assistance Meeting procedure.

Staff spoke to 9 potential small business loan applicants. They were referred to appropriate Small Business Administration assistance as needed and given contact information to arrange for SCORE counseling.

Façade Rebate Program update – To date 49 applications have been received, 21 have had the work done and received rebates totaling \$91,762.

SOUTH HAYWARD BART STATION

Gary Calame, Senior Planner for the City Of Hayward gave a presentation on the South Hayward BART/Mission Boulevard Concept Plan Study. In 2001, The City of Hayward Redevelopment Agency amended its original Downtown Redevelopment Plan to extend the boundaries of the project area to include parcels within the Foothill Boulevard and Mission Boulevard corridors. The Redevelopment Plan implementation program calls for preparation of a conceptual plan for the South Hayward BART Station area that extends through the Dixon Road area to the Mission-Industrial intersection. Consequently, the proposed Concept Plan will focus primarily on two areas: the immediate area surrounding the BART station and an expanded area extending both north and south along Mission Boulevard.

The study area comprises approximately 240 areas. Mr. Calame provided Committee members with an exhibit showing the boundaries of the study area.

The study area will be evaluated in terms of the opportunities and constraints for future redevelopment as well as its relationship to major activity centers such as the South Hayward BART Station. The study will result in the development of a conceptual design for the study area that illustrates how future redevelopment of the area could be compatible with the surrounding neighborhoods.

Council member Dowling asked if Cal Trans is represented at the planning meetings. Ms. Ehrenthal stated not yet, however, we will be talking to them. She reported that BART assigned a Planner who comes to the technical meetings.

The overall planning process is expected to require approximately ten months from October 2004. Community participation will be accomplished through a series of public workshops, periodic newsletters and community forums on the City's website. The first community meeting will be held January 19, 2005 at Treeview Elementary School.

COMMITTEE MEMBER ANNOUNCEMENTS:

Council member Dowling passed out "Yes to CSUH!" Petitions to Committee members and encouraged member support of retaining the name California State University Hayward. He explained that the Hayward Chamber now supports the position of not changing the name. It appears there is a strong home town ownership attitude towards Cal State Hayward

ADJOURNMENT: Meeting was adjourned at 4:55 p.m.